

Monoclonal Antibody to WC4 - Supernatant

Alternate names:	SWC7
Catalog No.:	SM447
Quantity:	2 ml
Background:	WC4 cell surface antigen is a 90kD molecule expressed by a subpopulation of B cells in peripheral blood and lymphoid tissues.
Host / Isotype:	Mouse / IgG1
Clone:	CC55
Format:	State: Liquid Tissue Culture Supernatant containing 0.09% Sodium Azide as preservative .
Applications:	Flow Cytometry: Use 10 µl of Neat-1/10 diluted antibody to label 10e6 cells in 100 µl. Immunohistochemistry on Frozen Sections. Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the bovine WC4 cell surface antigen. Species: Bovine, Pig and Sheep. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	<ol style="list-style-type: none">1. Howard CJ, Morrison WI, Bensaid A, Davis W, Eskra L, Gerdes J, et al. Summary of workshop findings for leukocyte antigens of cattle. Vet Immunol Immunopathol. 1991 Jan;27(1-3):21-7. PubMed PMID: 1902342.2. Denham, S. et al. (1994) Monoclonal antibodies recognizing differentiation antigens on porcine B cells. Vet.Immunol. Immunopathol. 43: 259-267.3. Naessens J, Howard CJ, Hopkins J. Nomenclature and characterization of leukocyte differentiation antigens in ruminants. Immunol Today. 1997 Aug;18(8):365-8. PubMed PMID: 9267076.4. Boersma WJ, Zwart RJ, Sinkora J, Rehakova Z, Haverson K, Bianchi AT. Summary of workshop findings for porcine B-cell markers. Vet Immunol Immunopathol. 2001 Jul 20;80(1-2):63-78. PubMed PMID: 11445219.